

10/16/01  
JCS-87

10 - 18 - 01

PTO/SB/05 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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UTILITY  
PATENT APPLICATION  
TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 9138-64CIP

First Inventor Tsong, et al.

Title Low Temperature Epitaxial...Semiconductors

Express Mail Label No. EL919121570US

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1.  Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)

2.  Applicant claims small entity status.  
See 37 CFR 1.27.

3.  Specification [Total Pages 26]  
(preferred arrangement set forth below)
 

- Descriptive title of the invention
- Cross Reference to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to sequence listing, a table, or a computer program listing appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

4.  Drawing(s) (35 U.S.C. 113) [ Total Sheets 14 ]

5. Oath or Declaration [ Total Pages ]

a.  Newly executed (original or copy)

b.  Copy from a prior application (37 CFR 1.63 (d))  
(for continuation/divisional with Box 18 completed)
 

- i.  **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).

6.  Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

7.  CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)

8. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
 

- a.  Computer Readable Form (CRF)
- b. Specification Sequence Listing on:
  - i.  CD-ROM or CD-R (2 copies); or
  - ii.  paper
- c.  Statements verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

9.  Assignment Papers (cover sheet & document(s))

10.  37 CFR 3.73(b) Statement  Power of Attorney  
(when there is an assignee)

11.  English Translation Document (if applicable)

12.  Information Disclosure Statement (IDS)/PTO-1449  Copies of IDS Citations

13.  Preliminary Amendment

14.  Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)

15.  Certified Copy of Priority Document(s)  
(if foreign priority is claimed)

16.  Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.

17.  Other:  Check for \$580 filing fee;

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation  Divisional  Continuation-in-part (CIP)

of prior application No. 09/965,022

Prior application information.

Examiner \_\_\_\_\_

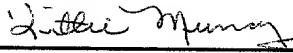
Group Art Unit \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS

Customer Number or Bar Code Label Insert Customer No. or Attach bar code label here or  Correspondence address below

Name	Kittie Murray				
	Gallagher & Kennedy				
Address	2575 E. Camelback Road				
City	Phoenix	State	Arizona	Zip Code	85016
Country	USA	Telephone	602-530-8086	Fax	602-530-8500

Name (Print/Type)	Kittie Murray	Registration No. (Attorney/Agent)	30,346
Signature			Date 10/16/01

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231

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# FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 595.00)

## Complete if Known

Application Number	
Filing Date	
First Named Inventor	Tsong, et al.
Examiner Name	
Group Art Unit	
Attorney Docket No.	9138-64CIP

## METHOD OF PAYMENT

1.  The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number

Deposit Account Name

Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

Applicant claims small entity status. See 37 CFR 1.27

2.  Payment Enclosed:

Check  Credit card  Money Order  Other

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
101	710	201	355	Utility filing fee	<input type="text" value="370.00"/>
106	320	206	160	Design filing fee	<input type="text"/>
107	490	207	245	Plant filing fee	<input type="text"/>
108	710	208	355	Reissue filing fee	<input type="text"/>
114	150	214	75	Provisional filing fee	<input type="text"/>

SUBTOTAL (1) (\$ 370.00)

## 2. EXTRA CLAIM FEES

Total Claims	45	-20** =	25	Fee from below	Fee Paid
Independent Claims	2	-3** =	0	<input type="text"/>	<input type="text" value="225.00"/>
Multiple Dependent				<input type="text"/>	<input type="text"/>

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	80	202	40	Independent claims in excess of 3
104	270	204	135	Multiple dependent claim, if not paid
109	80	209	40	** Reissue independent claims over original patent
110	18	210	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ 595.00)

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

Large Entity Fee Code	Small Entity Fee Code	Fee (\$)	Fee Description	Fee Paid
105	130	205	65 Surcharge - late filing fee or oath	<input type="text"/>
127	50	227	25 Surcharge - late provisional filing fee or cover sheet	<input type="text"/>
139	130	139	130 Non-English specification	<input type="text"/>
147	2,520	147	2,520 For filing a request for ex parte reexamination	<input type="text"/>
112	920*	112	920* Requesting publication of SIR prior to Examiner action	<input type="text"/>
113	1,840*	113	1,840* Requesting publication of SIR after Examiner action	<input type="text"/>
115	110	215	55 Extension for reply within first month	<input type="text"/>
116	390	216	195 Extension for reply within second month	<input type="text"/>
117	890	217	445 Extension for reply within third month	<input type="text"/>
118	1,390	218	695 Extension for reply within fourth month	<input type="text"/>
128	1,890	228	945 Extension for reply within fifth month	<input type="text"/>
119	310	219	155 Notice of Appeal	<input type="text"/>
120	310	220	155 Filing a brief in support of an appeal	<input type="text"/>
121	270	221	135 Request for oral hearing	<input type="text"/>
138	1,510	138	1,510 Petition to institute a public use proceeding	<input type="text"/>
140	110	240	55 Petition to revive - unavoidable	<input type="text"/>
141	1,240	241	620 Petition to revive - unintentional	<input type="text"/>
142	1,240	242	620 Utility issue fee (or reissue)	<input type="text"/>
143	440	243	220 Design issue fee	<input type="text"/>
144	600	244	300 Plant issue fee	<input type="text"/>
122	130	122	130 Petitions to the Commissioner	<input type="text"/>
123	50	123	50 Processing fee under 37 CFR 1.17(q)	<input type="text"/>
126	180	126	180 Submission of Information Disclosure Stmt	<input type="text"/>
581	40	581	40 Recording each patent assignment per property (times number of properties)	<input type="text"/>
146	710	246	355 Filing a submission after final rejection (37 CFR § 1.129(a))	<input type="text"/>
149	710	249	355 For each additional invention to be examined (37 CFR § 1.129(b))	<input type="text"/>
179	710	279	355 Request for Continued Examination (RCE)	<input type="text"/>
169	900	169	900 Request for expedited examination of a design application	<input type="text"/>
Other fee (specify) _____				

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 595.00)

The PTO did not receive the following listed item(s). *It is a good check but*

*It is a good check but*

SUBMITTED BY		Complete (if applicable)		
Name (Print/Type)	Kittie Murray	Registration No. (Attorney/Agent)	30,346	Telephone 602-530-8086
Signature	<i>Kittie Murray</i>		Date	10/16/01

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Tsong, et al.

Serial No.:

Filed: Herewith

For Continuation-In-Part Patent Application Entitled: Low Temperature Epitaxial Growth of Quaternary Wide Bandgap Semiconductors

**CERTIFICATE OF MAILING BY EXPRESS MAIL**

"Express Mail" mailing label number EL919121570US  
Date of Deposit: October 16, 2001

Box Patent Application  
Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

I hereby certify that this correspondence, consisting of this Certificate of Mailing by Express Mailing, Fee Transmittal Form (in duplicate), Continuation-In-Part Patent Application Transmittal, Continuation-In-Part Patent Application (40 pages including 14 sheets of figures), Check for \$580 filing fee, and a Postcard for \$580 for filing fee, and a Postcard are being deposited in the United States Postal Service as Express Mail in an envelope addressed to:

Box Patent Application  
Assistant Commissioner for Patents  
Washington, D.C. 20231

on

10/16/2001.

Date



Handwritten signature of Jeanette A. Estrada

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